IN THE CLAIMS:

Please amend claims 12, 35, 58, 81, 97, 106, 115, 119 and 124 as indicated below. The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

Claim 1-11 (Canceled).

Claim 12 (Currently Amended): A system for diverting a quantity of in-transit units having a product number, comprising:

a terminal configured to transmit to the diversion control server product inquiry information including the product number;

a diversion control server including a processor configured to calculate a plurality of estimated time of arrivals to a plurality of destinations for a plurality of at least one in-transit units having the product number and a due date associated with the plurality of estimated time of arrivals by which a diversion request must be completed to cause the quantity of in-transit units having the product number to be diverted, wherein the diversion request is based in part on the calculated estimated time of arrivals; and

the terminal further configured to transmit to the diversion control server product inquiry information including the product number; to receive from the diversion control server the plurality of estimated time of arrivals and the due date, and to transmit to the diversion control server the diversion request to cause the diversion control server to divert the quantity of in-transit units.

Claim 13 (Previously Presented): A system according to claim 11 wherein the diversion request includes a shipping carrier identifier, the product number, the quantity, and a destination identifier; and

wherein the diversion control server is further configured to transmit to the terminal an acknowledgement that the quantity of in-transit units have been diverted to a final destination corresponding to the destination identifier.

Claim 14 (Previously Presented): A system according to claim 11 wherein the diversion control unit is further adapted to:

receive a product purchase order including a product number, the quantity, and a customer identifier,

transmit to the terminal an acknowledgement that the product purchase order has been accepted, and

divert the quantity of in-transit units of that product number to a final destination based on the customer identifier.

Claims 15-34 (Canceled)

Claim 35. (Currently Amended): A method of diverting a quantity of in-transit units having a product number, the method comprising the steps of:

transmitting product inquiry information including the product number;

3

calculating a plurality of estimated time of arrivals to a plurality of destinations for a plurality of ~~at least one~~ in-transit units having the product number and a due date associated with the plurality of estimated time of arrivals by which a diversion request must be completed to cause the quantity of in-transit units having the product number to be diverted, wherein the diversion request is based in part on the calculated estimated time of arrivals;

~~transmitting product inquiry information including the product number;~~

receiving the plurality of estimated time of arrivals and the due date; and

transmitting the diversion request to cause the quantity of in-transit units to be diverted.

Claim ~~36~~ 13 (Previously Presented): A method as set forth in claim ~~35~~ 12, further comprising the steps of:

generating an acknowledgement that the quantity of in-transit units have been diverted to a final destination,

wherein the diversion request includes a shipping carrier identifier, the product number, the quantity, and a destination identifier.

Claim ~~37~~ 14. (Previously Presented): A method as set forth in claim ~~35~~ 12, further comprising the steps of:

receiving a product purchase order including the product number, the quantity, and a customer identifier;

transmitting an acknowledgement that the product purchase order has been accepted; and

diverting the quantity of in-transit units of that product number to a final destination based on the customer identifier.

Claims ~~38-57~~ (Canceled).

22

Claim ~~58~~. (Currently Amended): A system for diverting a quantity of in-transit units having a product number, the system comprising:

means for transmitting product inquiry information including the product number;

means for calculating a plurality of estimated time of arrivals to a plurality of destinations for ~~at least one~~ a plurality of in-transit units having the product number and a due date associated with the plurality of estimated time of arrivals by which a diversion request must be completed to cause the quantity of in-transit units to be diverted, wherein the diversion request is based in part on the calculated estimated time of arrivals;

~~means for transmitting product inquiry information including the product number;~~

means for receiving the plurality of estimated time of arrivals and the due date; and

means for transmitting the diversion request to cause the quantity of in-transit units to be diverted.

24 *23*

Claim ~~59~~. (Previously Presented): A system as set forth in claim ~~58~~.

wherein the diversion request includes a shipping carrier identifier, the product number, the quantity, and a destination identifier, and further comprising:

5

means for generating an acknowledgement that the quantity of in-transit units have been diverted to a final destination.

Claim 60 (Previously Presented): A system as set forth in claim 58, further comprising:

means for receiving a product purchase order including the product number, the quantity, and a customer identifier;

means for transmitting an acknowledgement that the product purchase order has been accepted; and

means for diverting the quantity of in-transit units of that product number to a final destination based on the customer identifier.

Claims 61-80 (Canceled).

Claim 81 (Currently Amended): Computer-readable code stored on a computer-readable storage medium for diverting a quantity of in-transit units having a product number, including:

code for transmitting product inquiry information including the product number;

code for calculating a plurality of estimated time of arrivals to a plurality of destinations for a plurality of at least one in-transit unit having the product number and a due date associated with the plurality of estimated time of arrivals by which a diversion request must be completed to cause the quantity of in-transit units having the product number to be diverted, wherein the diversion request is based in part on the calculated estimated time of arrivals;

6

~~code for transmitting product inquiry information including the product number;~~

code for receiving the plurality of estimated time of arrivals and the due date; and

code for transmitting the diversion request to cause the quantity of in-transit units to be diverted.

Claim 82. *35* (Previously Presented): Computer-readable code according to claim 81, further including: *34*

code for generating an acknowledgement that the quantity of in-transit units have been diverted to a final destination; and

wherein the diversion request includes a shipping carrier identifier, the product number, the quantity, and a destination identifier.

Claim 83. *36* (Previously Presented): Computer-readable code according to claim 81, further including: *34*

code for receiving a product purchase order including a product number, the quantity, and a customer identifier;

code for transmitting an acknowledgement that the product purchase order has been accepted; and

code for diverting the quantity of in-transit units of that product number to a final destination based on the customer identifier.

Claims 84-92 (Canceled).

Claim 93. (Previously Presented): The system according to claim 12, wherein the due date by which an allocation must be completed is based on when the quantity of in-transit units will be coded as unavailable for diversion.

Claim 94. (Previously Presented): The system according to claim 12, further comprising:

a sales history module communicatively coupled to the diversion control server and adapted to collect sales history information and transmit a sales history value corresponding to one of the plurality of destinations.

Claim 95. (Previously Presented): The system according to claim 12, further comprising:

an inventory information module adapted to collect inventory information and transmit to the terminal a current inventory value for one of the plurality of destinations.

Claim 96. (Previously Presented): The system according to claim 12, further comprising:

a back order information module adapted to collect back order information and transmit a current back order value for one of the plurality of destinations.

Claim 97. (Currently Amended): The system according to claim 12, wherein the quantity of in-transit units is represented by a number of containers holding the plurality of at least one in-transit units.

8

Claim 98. (Previously Presented): The system according to claim 97, wherein the diversion control server is further adapted to transmit to the terminal a number representing how many units a container holds.

Claim 99. (Canceled).

Claim 100. (Previously Presented): The system according to claim 92, wherein the diversion control server is further adapted to calculate a suggested quantity of in-transit units to divert to one of the plurality of destinations.

Claim 101. (Previously Presented): The system according to claim 100, wherein the diversion control server is further adapted to calculate the suggested quantity of in-transit units to divert based on historical allocation data of the plurality of destinations.

Claim 102. (Previously Presented): The method according to claim 38, further comprising the step of:

transmitting the due date by which an allocation must be completed.

Claim 103. (Previously Presented): The method according to claim 38, further comprising the steps of:

collecting sales history information; and

9

transmitting a sales history value corresponding to one of the plurality of destinations.

Claim 104 (Previously Presented): The method according to claim 35 further comprising the steps of:

collecting inventory information; and

transmitting a current inventory value for one of the plurality of destinations.

Claim 105 (Previously Presented): The method according to claim 35 further comprising the steps of:

collecting back order information; and

transmitting a current back order value for one of the plurality of destinations.

Claim 106 (Currently Amended): The method according to claim 35 wherein the quantity of in-transit units is represented by a number of containers holding the plurality of at least one in-transit units.

Claim 107 (Previously Presented): The method according to claim 106 further comprising the step of:

transmitting a number representing how many units a container holds.

Claim 108 (Canceled).

Claim 109. (Previously Presented): The method according to claim 35, further comprising the step of:

calculating a suggested quantity of in-transit units to divert to one of the plurality of destinations.

Claim 110. (Previously Presented): The method according to claim 109, further comprising the step of calculating the suggested quantity of in-transit units to divert based on historical allocation data of the plurality of destinations.

Claim 111. (Previously Presented): The system as set forth in claim 58, further comprising:

means for transmitting the due date by which an allocation must be completed.

Claim 112. (Previously Presented): The system as set forth in claim 58, further comprising:

means for collecting sales history information; and

means for transmitting a sales history value corresponding to one of the plurality of destinations.

Claim 113. (Previously Presented): The system as set forth in claim 58, further comprising:

means for collecting inventory information; and

means for transmitting a current inventory value for one of the plurality of destinations.

Claim 114. (Previously Presented): The system as set forth in claim 58, further comprising:

means for collecting back order information; and

means for transmitting a current back order value for one of the plurality of destinations.

Claim 115. (Currently Amended): The system as set forth in claim 58, wherein the quantity of in-transit units is represented by a number of containers holding the plurality of at least one in-transit units.

Claim 116. (Previously Presented): The system as set forth in claim 115, further comprising:

means for transmitting a number representing how many units a container holds.

Claim 117. (Canceled).

Claim 118. (Previously Presented): The system as set forth in claim 58, further comprising:

means for calculating a suggested quantity of in-transit units to divert to one of the plurality of destinations.

Claim 119. (Currently Amended): The system as set forth in claim 118, further further comprising:

means for calculating the suggested quantity of in-transit units to divert based on historical allocation data of the plurality of destinations.

Claim 120. (Previously Presented): Computer-readable code according to claim 81, wherein the date by which an allocation must be completed is based on when the quantity of in-transit units will be coded as unavailable for diversion.

Claim 121. (Previously Presented): Computer-readable code according to claim 81, further including:

code for collecting sales history information; and

code for transmitting a sales history value corresponding to one of the plurality of destinations.

Claim 122. (Previously Presented): Computer-readable code according to claim 81, further including:

code for collecting inventory information; and

code for transmitting a current inventory value for one of the plurality of destinations.

Claim 123. (Previously Presented): Computer-readable code according to claim 81, further including:

    code for collecting back order information; and

    code for transmitting a current back order value for one of the plurality of destinations.

Claim 124. (Currently Amended): Computer-readable code according to claim 81, wherein the quantity of in-transit units is represented by a number of containers holding the plurality of ~~at least one~~ in-transit units.

Claim 125. (Previously Presented): Computer-readable code according to claim 124, further including:

    code for transmitting a number representing how many units a container holds.

Claim 126. (Canceled).

Claim 127. (Previously Presented): Computer-readable code according to claim 81, further including:

    code for calculating a suggested quantity of in-transit units to divert to one of the plurality of destinations.

Claim 128. (Previously Presented): Computer-readable code according to claim 127, further including:

code for calculating the suggested quantity of in-transit units to divert based on historical allocation data of the plurality of destinations.